

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US99/24176

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :A61K 39/395; C07K 16/00; C12Q 1/00; G01N 33/53, 33/567, 33/574

US CL :Please See Extra Sheet.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/130.1, 152.1, 155.1; 435/4, 7.1, 7.2, 7.21, 7.23; 530/387.1, 388.2, 388.8, 388.85, 389.1, 389.7

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EAST(BRS) of US Patent database, MEDLINE, BIOSIS, CAPLUS, EMBASE

search terms: glypican?, syndecan?, antibod?, lectin, scfv, fab, single chain, diagnos?, prognos?, therap?, treat?

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,422,243 A (JALKANEN et al) 06 June 1995, column 7, lines 13-54 and column 12- column 14.	1-3 and 9-11
X,P --- Y,P	KLEEFF et al. The cell-surface heparan sulfate proteoglycan glypican-1 regulates growth factor action in pancreatic carcinoma cells and is overexpressed in human pancreatic cancer. J. Clin. Invest. November, 1998, Vol. 102, No. 9, pages 1662-1673, especially pages 1663, second column and 1671, first column, and 1672, first column.	1-4 --- 9-12
X --- Y	NACKAERTS et al. Heparan sulfate proteoglycan expression in human lung-cancer cells. Int. J. Cancer (Pred. Oncol.). 1997, Vol.74, pages 335-345, especially pages 336, col. 1 and 341-345.	1-4 --- 9, 10



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:	*T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
A document defining the general state of the art which is not considered to be of particular relevance	*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
B earlier document published on or after the international filing date	*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	*A* document member of the same patent family
O document referring to an oral disclosure, use, exhibition or other means	
P document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

28 JANUARY 2000

Date of mailing of the international search report

11 FEB 2000

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	INKI et al. Association between syndecan-1 expression and clinical outcome in squamous cell carcinoma of the head and neck. Br. J. Cancer. 1994, Vol. 70, pages 319-323, especially pages 320, 2nd column and 321-322.	1-4, 9, 10 and 12

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